**Index of Claims** 

Application	n/Control	No.
	.,	

10/653,667 Examiner

Kieu D. Vu

Applicant(s)/Patent under Reexamination

LEE, SUNG-DAE

Art Unit

2173

Rejected **Allowed** 

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

Claim				-						_	_								•	L	_				_
Tell     Email	Cla	aim	Date						Claim			_	Date												
2   1   52   53     3   4   54   55     5   5   55   56     7   7   55   56     7   7   57   58     9   9   59   9     10   60   60   61     11   62   62   62     13   63   63   64     15   66   66   66     16   66   66   67     18   68   68   69     20   70   70   70     21   73   73   74     22   73   74   74     25   76   76   77     28   79   80   80     31   81   82   82     33   84   84   84     35   85   85   85     36   86   86   86     37   77   77   77   77     28			4/1/07										Final										٠		
3   4   4   5   54   55   55   56   7   7   7   7   7   7   7   7   7   7   7   7   7   7   8   8   556   57   7   8   8   58   9   9   9   60   9			+											51											
4   5     5   5     6   55     7   7     8   8     9   59     10   60     11   61     12   62     13   63     14   64     15   66     16   66     17   68     19   69     20   70     21   71     22   72     23   73     24   74     25   76     27   77     28   79     30   80     31   81     32   82     33   83     34   84     35   86     37   88     39   89     40   90     41   91     42   92     43   94     44   94     44   94			1				_	_	_																L
5     6       6     6       7     7       8     9       10     60       11     62       13     63       14     64       15     65       16     66       17     67       18     69       19     68       20     70       21     72       23     73       24     74       25     75       26     76       27     77       28     78       29     79       30     80       31     81       32     82       33     84       34     84       35     86       37     88       39     89       40     90       41     91       42     92       43     94       44     94 <td></td> <td></td> <td><math>\!</math></td> <td>_</td> <td></td> <td><u> </u></td> <td><u> </u></td> <td><u> </u></td> <td><u> </u></td> <td><u> </u></td> <td>_</td> <td></td> <td></td> <td>53</td> <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td></td> <td>Ļ</td>			$\!$	_		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_			53	<u> </u>					_	_	_	_		Ļ
6   7   7   8   55   57   58   59   59   10   60   60   60   60   61   61   61   61   61   62   63   63   63   64   65   65   65   66   66   66   66   66   66   66   66   66   66   66   66   66   66   67   68   69   69   69   69   69   69   69   60   60    60	-		H	-		<u> </u>	$\vdash$		-	_	-				_					⊢		_	_		ŀ
7     8       9     558       10     60       11     62       13     63       14     64       15     65       16     66       17     67       18     68       19     69       20     70       21     71       22     72       23     73       24     74       25     75       26     76       27     77       28     79       30     80       31     81       32     83       33     83       34     84       35     85       36     86       37     87       38     88       39     90       41     91       42     92       43     94       44     94       45 <td< td=""><td></td><td></td><td>H</td><td>⊢</td><td></td><td><math>\vdash</math></td><td></td><td><u> </u></td><td><math>\vdash</math></td><td>-</td><td>├</td><td>   </td><td></td><td></td><td>-</td><td>_</td><td></td><td></td><td>_</td><td>-</td><td></td><td></td><td></td><td></td><td>-</td></td<>			H	⊢		$\vdash$		<u> </u>	$\vdash$	-	├				-	_			_	-					-
8   9     10   60     111   62     13   63     14   64     15   65     16   66     17   67     18   68     19   69     20   70     21   71     22   73     23   73     24   74     25   75     26   76     27   77     28   79     30   80     31   81     32   83     33   84     34   84     35   85     36   86     37   88     39   89     40   90     41   91     42   92     43   94     44   94			╫	├	_	-	-	$\vdash$	-	ŀ÷	$\vdash$	1					-	_	├	-	-	$\vdash$			H
9   10   60   60     11   61   62   63     13   63   63   64     15   65   65   65     16   66   67   68     19   69   69   69     20   70   71   72     21   71   72   73   74     22   72   73   74   74     25   75   75   75   75   78     29   70   70   77   77   78   79   70   77   78   79   70   70   70   70   70   70   70   71   72   72   73   74   74   74   74   74   74   74   74   74   74   74   74   75   75   75   75   75   76   77   78   78   79   79   78   79   79   79   79   79   79   79   79   79   79   79   79			H	┢	_	$\vdash$	┢	$\vdash$	┢	┢	┢	1		58		_	-	-	-	$\vdash$	$\vdash$	$\vdash$			H
10	-		H	_	$\vdash$	_	-		-			1						$\vdash$	┢	1	-	$\vdash$		i	t
11   12   61   62   62     13   64   64   64   64   65   66   66   67   67   66   66   67   67   68   68   69   69   69   69   69   69   69   69   70   71   71   72   72   72   72   73   74   74   74   74   74   74   74   74   74   77   77   77   78   78   78   79   9   30   80   80   80   80   81   81   82   33   83   83   83   83   83   83   83   83   84 <td< td=""><td></td><td></td><td>H</td><td></td><td></td><td><u> </u></td><td></td><td><b></b></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>r</td></td<>			H			<u> </u>		<b></b>				1													r
13   63   64   64   64   65   66   66   66   66   66   67   67   67   68   68   69   70   71   71   72   72   72   72   72   73   73   73   74   74   74   74   74   74   74   74   74   74 <td< td=""><td></td><td></td><td>П</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>61</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>T</td></td<>			П								-			61											T
14			П																						
15												]		63											
16   17   66   67   68     18   68   69   70   70   71   72   73   74   74   74   74   74   74   75   75   76   77   77   78   78   79 <t< td=""><td></td><td></td><td>Ш</td><td>L.</td><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td>_</td><td></td><td><u> </u></td><td></td><td>_</td><td></td><td><u> </u></td><td></td><td>L</td></t<>			Ш	L.				_							_		_		<u> </u>		_		<u> </u>		L
17			Ш	L.	_		_	_	_	_	_				_		_	_	<u> </u>	_	<u> </u>	<u> </u>	ļ		L
18   19   68     19   70   70     20   70   71     21   71   71     22   72   73     24   74   74     25   76   76     26   76   77     28   78   79     30   80   81     31   81   82     33   83   83     34   84   84     35   86   86     37   88   89     40   90   90     41   91   92     43   94   94     45   96   96     47   97   98     48   99   99		16	H	├		_	<u> </u>	1		_				66	-	_	<u> </u>	<u> </u>		-		_	<u> </u>		Ļ
19			╀	├-		-			⊢	-	⊢			60	-		-	$\vdash$	⊢	$\vdash$		⊢		ł	ŀ
To   To   To   To   To   To   To   To	<u> </u>	10	╁┼	├	-	-	-	-	<u> </u>		├	{		60	$\vdash$		$\vdash$	⊢	⊢	├	⊢	-		┨	ł
21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   81     31   82     33   83     34   84     35   85     36   86     37   88     39   89     40   90     41   91     42   92     43   94     45   96     47   97     48   98     99   99	-		Н	$\vdash$	├─	-	-	┢	┢	$\vdash$	╁	1			$\vdash$	$\vdash$		-	┢	-	-	1	$\vdash$	1	ŀ
22   72     23   73     24   74     25   75     26   76     27   77     28   78     29 +   79     30   80     31   81     32   82     33   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     45   96     47   97     48   98     49   99			Н	-	$\vdash$	$\vdash$	H	H	╁	╁	┢	1		71		-	-		-	<u> </u>	┢	_	<del>                                     </del>	1	ŀ
23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   86     37   88     38   86     37   88     39   89     40   90     41   91     42   92     43   94     45   96     47   97     48   98     49   99			H	-	<del> </del>	-		H	H	H	$\vdash$	1			<del>                                     </del>	-		<u> </u>		t			<u> </u>	1	t
24   74     25   75     26   76     27   77     28   77     78   79     30   80     31   81     32   82     33   83     34   84     35   86     37   86     37   87     38   88     39   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99			H					t	Ħ	<u> </u>	$\vdash$	1								T	Г	_		1	T
26   76     27   77     28   77     78   79     30   80     31   81     32   82     33   84     35   85     36   86     37   87     38   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99		24	П				Г		Γ			1		74										]	ľ
27			$\prod$									]												]	
28   1 78   29 + 79   30   80   81   82   82   83   83   84   84   85   85   85   86   86   86   87   87   88   89   89   89   89   89		26										] !		76									_		L
29 + 79   30 80   31 81   32 82   33 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 94   44 94   45 96   47 97   48 98   49 99			Ш	_	_	_	_	_	╙	<u> </u>	_	ļ					_			_	<u> </u>	L	_	1	L
30	<u> </u>	28	-	_	_	_	<u> </u>	<u> </u>	<u> </u>	↓_	↓_	-			L		<u> </u>			<u> </u>	<u> </u>		<u> </u>	-	-
31 81   32 83   33 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	<b>├</b>	29	+	-	<u> </u>	_	$\vdash$	-	<del> </del>	├	├	-			<del>  -</del>	<u> </u>	<del> </del>		-	-	├		<u> </u>	1	-
32 82   33 84   35 85   36 86   37 87   38 87   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	<u> </u>		<del> </del>	⊢	-		├	H	$\vdash$	├	├	1			┢	_	-	-	-	╀	┢	├	$\vdash$	┨	ŀ
33 83   34 84   35 85   36 86   37 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	<u> </u>		┢	$\vdash$		-	├	╁	$\vdash$	╁	╁	1			$\vdash$					╁╴		-		1	ŀ
34 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	<u> </u>		-	H		H	╁╴	$\vdash$	┢	┢	┢	1			H			-		╁	<del> </del>	1	-	1	ŀ
35 85   36 86   37 88   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99			<del>                                     </del>	1	<del> -</del>	-	H	$\vdash$	$\vdash$	$\vdash$	$\vdash$	1				_		$\vdash$	T		$\vdash$	$\vdash$	$\vdash$	1	t
36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99			T		Г			T	Т	T	T	1			$\vdash$			Γ	Γ	Т	Т	Г	Γ	1	r
38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99		36					Ľ					]		86										]	
39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99												]													
40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99				L				$\Box$		Ĺ	Ĺ	1			$\Box$			Ĺ	匚	ļ.	匚			1	
41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	<u></u>			<u> </u>	_	<u> </u>	oxdot	<u></u>	<u> </u>	<u> </u>	<u> </u>	1	<u> </u>		_	_		L	_	<u> </u>	ļ	_		1	1
42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99		40	_	<u> </u>	L	_	$\vdash$	1	_	_	_	-	<u> </u>		<u> </u>	_	ļ	L	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	ļ	-
43 93   44 94   45 95   46 96   47 97   48 98   49 99	<u></u>	41	_	├		<u> </u>	$\vdash$	<del> </del>	$\vdash$	├-	├-	-			<del> </del>	<u> </u>	├	⊢	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	1	1
44 94   45 95   46 96   47 97   48 98   49 99	<u> </u>		$\vdash$	├-		-	$\vdash$	₩	$\vdash$	├	-	1		92	<del> </del>	H	-	$\vdash$	$\vdash$	├	$\vdash$	$\vdash$	-	1	ŀ
45  95   46  96   47  97   48  98   49 99	-	43	$\vdash$	+-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	1			<del> </del>	$\vdash$	<del> </del>	$\vdash$	-	$\vdash$	$\vdash$	-	-	1	H
46			-	1	$\vdash$	-	$\vdash$	$\vdash$	<del> </del>	$\vdash$	<del>                                     </del>	1		95		-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	H	H	$\vdash$	1	H
47		46	$\vdash$	$\vdash$			<del> </del>	<del>                                     </del>	$\vdash$	H	1	1		96	<u> </u>	Т		Г	T	T	$\vdash$	1		ĺ	t
48 98 99 99 99 99 99 99 99 99 99 99 99 99			Т	1	$\vdash$	_	T	T	Т	Г	$\vdash$	1		97	T		<b>!</b>	<del>                                     </del>	$\vdash$	<u> </u>		T	Т	1	t
49 99 99					Г			Π				1						Г	Г	T	Г		Ι_	1	t
50 100		49								Γ		]		99										]	
		50										]		100										]	

Cla	aim	Date									
									П		
Final	Original										
	51										
	52										
	52 53										
	54										
	55										
	56										
$\vdash$	57						_				
-	58	_	Н	_	_		_				
$\vdash$	59			_	_	_	_	-			
	60										
	61								_		
	62	-	$\vdash$	_	_	_	_				
	63							-			
-	64			-			-			$\vdash$	
<b>—</b>	65	-	-	<del>  </del>			-			⊢	
	00			_					_	-	
-	66 67	_	<u> </u>			_					
	0/	_	_	_			_		_		
	68					$\Box$	_	Ш			
	69		<u> </u>		_					_	
L	70		L						_	<u> </u>	
L	71									_	
L	71 72									L_	
	73		<u> </u>						<u> </u>	<u> </u>	
	74									_	
	75					L			L	<u> </u>	
	76		L_				<u> </u>		L.	_	
	77	_	<u></u>							_	
	78						_			<u> </u>	
	79		_	_			_		_	_	
	80	_	_			_	_		_	_	
	81	L.		L	L		_			_	
	82			L		L	L		L_	<u> </u>	
	83									_	
	84										
	85	L								$\Box$	
	86			Ĺ		L	L		L	L	
	87					L	Ĺ		L		
	88						۰	L	L		
	89								L	Ĺ	
	90										
	91									Ĺ	
	92										
	93		_						L_		
	94					_	سَا				
	95							$\Box$			
	96								L	L	
	97									Ĺ	
	98									Ĺ	
	99										
	100									Γ	

Cla	Date									
	$\vdash$								$\dashv$	
Final	Original	,								
	101									
	102 103									
	103									
	104									
	105									
	106									
	107			Ш		×				_
	108									$\dashv$
	109 110	_							_	_
	110	-		-						
ļ	111 112	-	Н	$\vdash$		-		$\vdash$	-	$\dashv$
	113	-	$\vdash$		_	-	_			$\vdash$
	114	H	Н			-				$\vdash$
	114 115	-					-	-	-	$\dashv$
	116		-	-		-	-			
<u> </u>	116 117	T-				-		_		$\vdash$
	118	_	$\vdash$		<u> </u>		$\vdash$			
	119	$\vdash$		Г						
	120						_			
	121									
	122 123									
	123									
``	124 125 126									
	125			<u>_</u>		<u> </u>	<u> </u>	_		Ш
	126	_		<u> </u>						Ш
	127 128	_		<u> </u>						Ш
	128	ļ		ļ	_	_		_	_	$\sqcup$
	129	<u> </u>	_	<u> </u>		<u> </u>		_	_	-
<u> </u>	130 131	<u> </u>	_	<u> </u>					$\vdash$	_
	131		_	-			_	-	_	$\dashv$
	133			-	_		$\vdash$	-	_	
	134	$\vdash$	$\vdash$	$\vdash$		-	$\vdash$	$\vdash$	$\vdash$	$\dashv$
<del> </del>	135	<del>                                     </del>	-		-	<del> </del>	$\vdash$	$\vdash$	$\vdash$	$\dashv$
<del>                                     </del>	135 136	$\vdash$	$\vdash$	<del>                                     </del>	$\vdash$	Η-	$\vdash$		-	$\vdash$
$\vdash$	137	<del>                                     </del>			Н	-	<del>                                     </del>	<del>                                     </del>		$\vdash \vdash$
	138				$\vdash$	$\vdash$	_	$\vdash$	Г	$\vdash$
	138 139	$\Box$	$\vdash$			$\vdash$	$\vdash$	Г	Г	$\vdash$
	140				_					$\Box$
	141									
	142									
	143									
	144	匚			L	L				
	145	L.	$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$	<u> </u>		L		$oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$		
	146	<u> </u>		<u> </u>	<u>_</u>				_	Ш
	147	<u></u>	<u> </u>	<u> </u>	L	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Ш
<u> </u>	148	<u> </u>	L_	<u> </u>	_	_	<u> </u>	<u> </u>	L	Ш
ļ	149	_	<u> </u>	$\vdash$	_	<u> </u>	<u> </u>	<u> </u>	_	Щ
L	150			L	L	<u> </u>	<u> </u>	L		